

What is claimed is:

1. A machining system for machining workpieces of different kinds, comprising:

a machine tool for performing machining on a workpiece;

a handling robot for handling the workpiece;

a visual sensor for detecting the workpiece;

an information processing device connected with said machine tool, said handling robot and said visual sensor through a communication path,

said information processing device including display means for displaying a list of items specifying operation programs for said machine tool, said handling robot or said visual sensor to be used for different kinds of workpieces on a display screen; and

communicating means for uploading/downloading an operation program specified by one of the items displayed on the display screen selected by an operator and/or information associated with the operation program from/to said machine tool, said handling robot and said visual sensor,

wherein the operation program and/or the associated information specified by the item selected by the operator are displayed on the display screen to allow the operator to confirm and edit the displayed operation program and/or associated information.

2. A machining system according to claim 1, wherein said information processing device further includes editing means for editing the operation program and/or the associated information displayed on the display screen.

3. A machining system according to claim 1, wherein said associated information includes parameters for executing the operation program.

4. A machining system according to claim 1, wherein said display means simultaneously displays information on a plurality of operation programs specified by items selected by the operator on the display screen.

5. A machining system according to claim 1, according to claim 1, wherein said display means simultaneously displays the operation programs and/or the associated information for at least two of said machine tool, said handling robot and said visual sensor on the display screen.

6. A machining system according to claim 1, wherein one of said machine tool, said handling robot and said visual sensor functions as said information processing device.